

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT  
Takeo MATSUKI and Yoshihiro  
TAKAISHI

FILING DATE  
January 23, 2001

GROUP



**U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL |    | PATENT NUMBER | ISSUE<br>DATE | PATENTEE | CLASS | SUB<br>CLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|---------------|---------------|----------|-------|--------------|-------------------------------|
|                     | AA |               |               |          |       |              |                               |
|                     | AB |               |               |          |       |              |                               |
|                     | AC |               |               |          |       |              |                               |
|                     | AD |               |               |          |       |              |                               |
|                     | AE |               |               |          |       |              |                               |
|                     | AF |               |               |          |       |              |                               |
|                     | AG |               |               |          |       |              |                               |
|                     | AH |               |               |          |       |              |                               |
|                     | AI |               |               |          |       |              |                               |

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

|     |    | DOCUMENT NO. | PUBL.<br>DATE | COUNTRY OR PATENT OFFICE         | CLASS | SUB<br>CLASS | TRANSLATION<br>YES NO |
|-----|----|--------------|---------------|----------------------------------|-------|--------------|-----------------------|
| TTN | AJ | 11-145283    | 05/99         | Japan (with English<br>Abstract) |       |              | No                    |
| TTN | AK | 11-224939    | 08/99         | Japan (with English<br>Abstract) |       |              | No                    |
|     | AL |              |               |                                  |       |              |                       |
|     | AM |              |               |                                  |       |              |                       |
|     | AN |              |               |                                  |       |              |                       |

**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

|  |    |  |
|--|----|--|
|  | AO |  |
|  | AP |  |
|  | AQ |  |

EXAMINER

DATE CONSIDERED

10/12/2001

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.